



BlackBerry Pearl Flip 8220 Circuit Board and Roller Ball

This guide shows how to remove both the circuit board and the roller ball from this device.

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INTRODUCTION

The purpose is to remove both the main circuit board and the roller ball unit from the main frame of the phone.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [64 Bit Driver Kit](#) (1)
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Step 1 — Circuit Board and Roller Ball



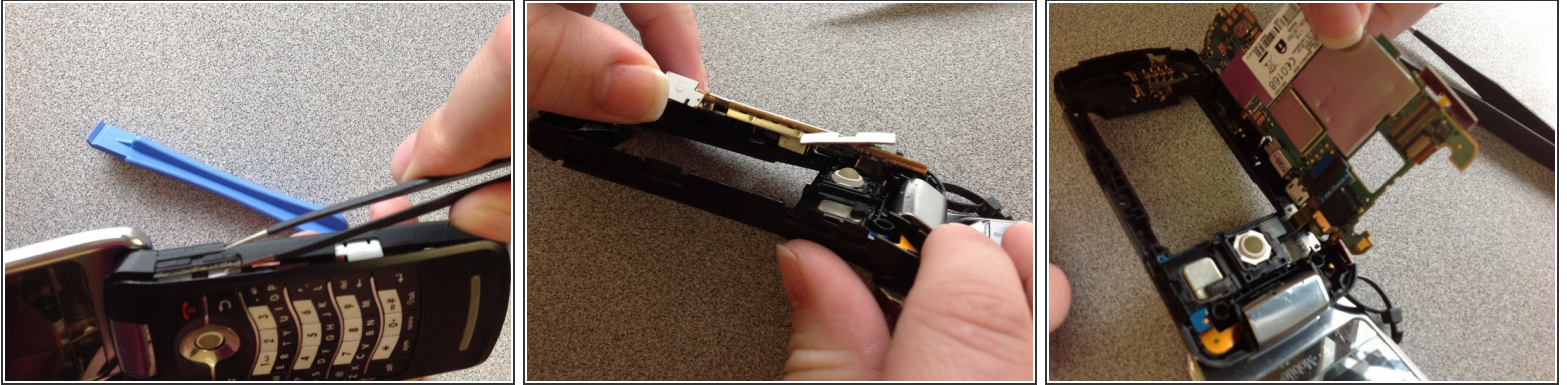
- There are four screws total on the back of the phone casing near edge of battery area.
- The two closer to the top of the phone are protected by plastic stoppers. Remove them then remove the screws.
- There are two more screws on either side of where the battery was located. remove them as well.

Step 2



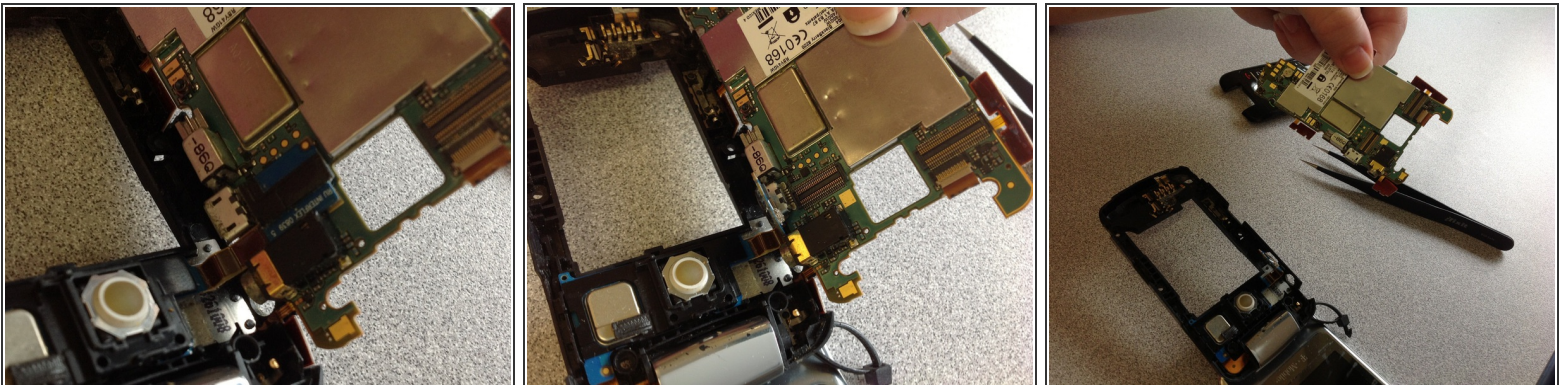
- Remove the bottom plastic piece.
- This may require prying from a few different directions. The plastic blue prying tool featured here may be required.

Step 3



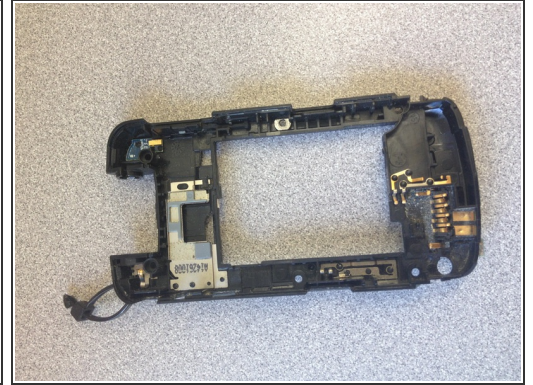
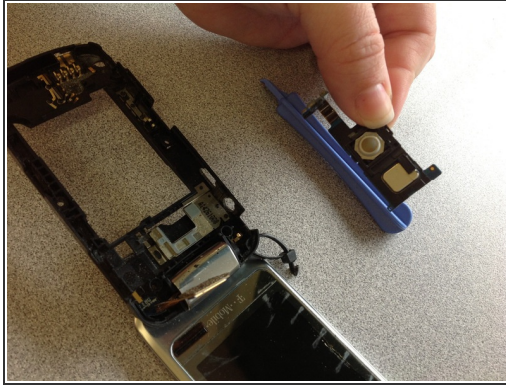
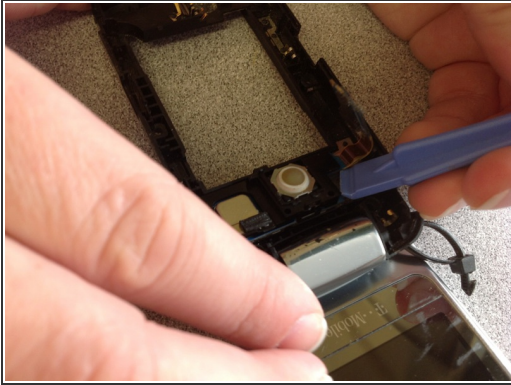
- Once the keypad is removed, the buttons on the sides of the phone will fall out.
- You will need to loosen the board from the right side opposite the charging ports.
- Pull gently towards the right side so the ports clear the plastic casing.
- Gently flip the board over to the left.

Step 4



- On the back of the circuit board you will find a small rectangular blue piece with a black 'L' shape in the middle.
- Gently detach this from the back of the main board.
- Now you may fully remove the main board.

Step 5



- What is left inside the phone is the roller ball.
- Gently use the plastic blue tool to detach it from the frame.

To reassemble your device, follow these instructions in reverse order.

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